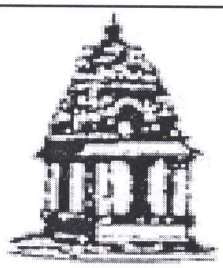

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work : **Maintenance of Community Property including parks in ward no. 05, Jakkur**

Estimated Cost : 5.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Maintenance of Community property including parks in Ward no.5, Jakkur

Estimation Cost.Rs 500000.00

Sl No	Description of work	Unit	Mesurement No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. **Earthwork excavation by manual means for roads,** drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(P.No-143 &136 ,I No-19.1&17.4& 17.1) 5km lead= 57+2.0x1.28x5 =69.80								
	Front Side	Cum	1	25.00	0.50	0.60	7.50		
	Left Side	Cum	1	45.00	0.50	0.60	13.50		
	back Side	Cum	1	25.00	0.50	0.60	7.50		
	Basic rate							130.00	
	Area weightage 6%							7.80	
	5Km lead & Lift= 57+(2*1.28*5)							69.80	
	Total						**28.50**	**207.60**	**5916.60**
2	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2								
	Front Side	Cum	1	25.00	0.50	0.15	1.88		
	Left Side	Cum	1	45.00	0.50	0.15	3.38		
	back Side	Cum	1	25.00	0.50	0.15	1.88		
	Basic rate							5194.00	
	Area weightage 6%							311.64	
						Total	**7.13**	**5505.64**	**39227.69**
3	KSRB 5.2-3: Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Pg No.25 Item No.5.6								
	Front Side	Cum	1	25.00	0.45	0.45	5.06		
	Left Side	Cum	1	45.00	0.45	0.45	9.11		
	back Side	Cum	1	25.00	0.45	0.45	5.06		
	For pole insertion	Cum	36	0.45	0.45	-0.45	-3.28		
	Basic rate							4596.00	
	Area weightage 6%							275.76	
	Total						**15.96**	**4871.76**	**77738.67**
4	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, HOM curing complete as per specifications. Pg No.256 Item No.34.12.2								
	Front Side	Sqm	2	25.00		0.45	22.50		
	Left Side	Sqm	2	45.00		0.45	40.50		
	back Side	Sqm	2	25.00		0.45	22.50		
	Basic rate							140	
	Area weightage 6%							8.4	
	Total						**85.50**	**148.40**	**12688.20**

Sl No	Description of work	Unit	Mesurement No.	L	B	D	Qty	Rate	Amount
5	KSRB 4-1.6 ; Providing and laying in position **plain cement concrete of Mix 1:2:4** with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-4.6)								
	Front Side	Cum	1	25.00	0.45	0.10	1.13		
	Left Side	Cum	1	45.00	0.45	0.10	2.03		
	back Side	Cum	1	45.00	0.45	0.10	2.03		
	For pole insertion	Cum	36	0.45	0.45	0.45	3.28		
	Basic rate							5422.00	
	Area weightage 6%							325.32	
	Total						**8.46**	**5747.32**	**48596.46**
6	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) including cost of materials, labour, HOM complete as per specifications (P.No-266,I No-37.2)								
	Chain Link Fancing	M							
	Front Side	1	10.00	2.00			20.00		
	Left Side	1	16.00	2.00			32.00		
	back Side	1	10.00	2.00			20.00		
	Basic rate							859	
	Area weightage 6%							51.54	
	Total						**72.00**	**910.54**	**65558.88**
7	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications. (P.No-266,I No-37.3)								
	Chain Link Fancing	Sqm							
	Front Side	Sqm	1	25.00		1.80	45.00		
	Left Side	Sqm	1	45.00		1.80	81.00		
	back Side	Sqm	1	25.00		1.80	45.00		
	Deducte For Gate								
	main Gate	Sqm	1	5.00		-1.80	-9.00		
	Small Gate	Sqm	1	2.00		-1.80	-3.60		
	Basic rate							715	
	Area weightage 6%							42.9	
	Total						**158.40**	**757.90**	**120051.36**
8	Providing and fixing M.S. Block pipe of 38mm dia. of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications. (P.No-266,I No-37.4)								

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
Chain Link Fancing	M							
Front Side	M	2	18.00			36.00		
Left Side	M	2	45.00			90.00		
back Side	M	2	25.00			50.00		
Basic rate							408	
Area weightage 6%							24.48	
Total						**176.00**	**432.48**	**76116.48**
							Grand Total	**445894.34**
							GST Charges (12% of estimated cost)	**53507.32**
							Miscellenious and rounding	**598.34**
							Total Amount	**500000.00**
								RUPEES FIVE LAKHS ONLY

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019,Issue rates and Data Rates.

Assistant Engineer

Assistant Executive Engineer

Executive Engineer
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಡರಾಯನಪುರ ವಿಭಾಗ ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಬೆಂಗಳೂರು-560092.

ADMINISTRATIVE APPROVAL
Accorded For Rs. 5.00 Lakhs only
Head of A/c. P3293.
Div. Ref. No. 123 Date. 16/3/2020
AE
EE(BTP) 16/03

TECHNICAL SANCTION
Accorded For Rs. 5.00 Lakhs only
Head of A/c. P3292
Div. Ref. No. 92 Date. 16/3/2020
AE
EE(BTP) 16/03